

April 16-22, 2004

<P>The Terra spacecraft is operating nominally. All five instruments are in science mode.</P>

<P>The weekly Tiger Team meeting was held on Tuesday, April 20, 2004. A proposed test is under evaluation to help isolate the K-band dropouts on TDRS West and to eliminate the ground station as the cause by conducting dropout measurements via an antenna system outside from the White Sands infrastructure.</P>

<P>White Sands continues to support the weekly Tiger Team telecon, dropout signature image gathering, and the data loss documentation process. Active diagnosis and test support ended March 23 due to manpower resource conflicts with fleet operations. The Terra Flight Operations Team continues to work around the dropouts by recognizing the signature in the EOS Operations Center and performing Solid State Recorder replays as needed.</P>

<P>There will be no MODIS lunar calibration roll maneuvers for the months of May and June due to the fact that the lunar view would require a roll in excess of the maximum value of 20 degrees allowed by the mission rules.</P>

<P>The next Delta-V maneuver to compensate for atmospheric drag will be conducted in June.</P>